

Version 20.3 Build 12 Release Notes

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Usage Notes

Introduction

Mindex has announced the latest release of SchoolTool, Version 20.3 Build 12. This release contains new features, enhancements, and bug fixes for areas throughout SchoolTool.

This release includes updates for database and web servers and is available via the SchoolTool Update Service, effective immediately.

Districts can upgrade to SchoolTool Version 20.3 Build 12 from any previous build of Version 20.3 (Build 04 or Build 07), or from the previous release, Version 20.2 Build 21.

Important Upgrade Notes:

- **Note for Districts Currently Testing the New Grading Tools:** If your district has enabled the new Grading experience on a test/training site, this functionality will be continue to be available after upgrading to the latest version of SchoolTool. Districts that had not enabled the new Grading features can now do so via the new feature flag, without needing to submit a ticket (see the New Grade Book feature documentation for additional details).
- **Conversion to New Authentication Solution:** The Version 20.2 release (April 2023) introduced an enhanced authentication solution/login experience. Please note that you can still upgrade to Version 20.3 regardless of whether or not you have already converted to the new authentication solution, as the process for converting to the new login experience remains the same for both Version 20.2 and 20.3 and may be completed at any point after upgrading SchoolTool. Keep in mind that the new grading tools require the updated authentication solution and cannot be enabled until the district has completed the steps to convert to the new login experience. The steps to complete this process are detailed in the **Upgrading to the New SchoolTool Authentication/Login Experience** documentation.
- **Note for Districts using Windows Server 2012 and 2012 R2:** The new Updater Service is not compatible with Windows Server 2012/2012 R2. Districts using this version of Windows Server will need to download updates from an SFTP site. If you need assistance with this process, please contact SchoolTool Service Delivery at least 48 hours prior to the planned upgrade date.

Supported Versions

Product	Supported Version(s)	SchoolTool Compatibility
SchoolTool	20.3-12	n/a
Dashboards	12.2 or 12.3	Requires SchoolTool 19.2-15 or higher
ST API Service	1.03-09	Requires SchoolTool 20.2-21 and higher
Report Server	1.5-10 or 1.5-12	any
Utilities	20.0-02 or 20.1-02	Requires SchoolTool 20.0-11 or higher
Mobile App	7.7	Requires SchoolTool 20.0-11 or higher

Compatibility

Supported Browsers:	Microsoft Edge Microsoft Edge Chromium Version 80.0.361.69 (Official build) (64-bit) Safari 7.0 or higher Google Chrome version 40 or higher Mozilla Firefox version 102.3 or higher
Supported SQL Server Versions:	SQL Server 2012 Service Pack 4 SQL Server 2014 Service Pack 3 SQL Server 2016 Service Pack 2 SQL Server 2017 SQL Server 2019 Cumulative Update 16 or higher
Supported Windows Server Versions:	Windows Server 2012 / Windows Server 2012 R2 * Windows Server 2016 Windows Server 2019 Windows Server 2022 Note: A minimum of TLS 1.0 is required; TLS 1.2 is recommended

* Support for Windows Server 2012 and 2012 R2 will continue for existing configurations only; new implementations should be configured to use Windows Server 2016, 2019, or 2022.

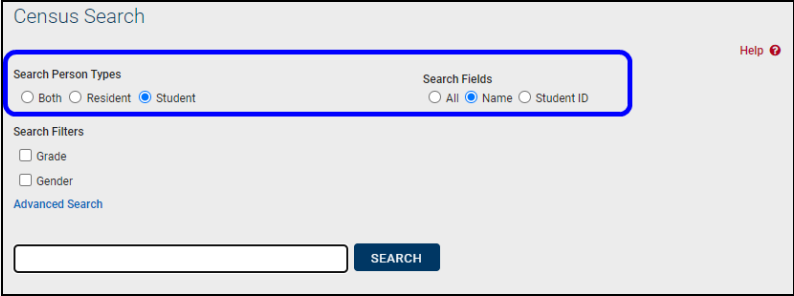
Features, Enhancements, and Fixes

Release	Location	Ref #	Description
20.3-12	Discipline, Maintenance	n/a	<p>Additional Options for Restorative Actions, Changes to Maintenance Screens</p> <p>New fields have been added to Discipline referrals to allow districts to add additional details about restorative actions. The visibility of these fields can be managed for each Building School Level in Maintenance > Discipline > Dispositions.</p> <p>In addition, the Maintenance > Discipline > Building School Level Options screen has been reorganized to allow users to more easily locate options on that screen.</p> <p>Additional changes for Discipline referrals will be coming in a future release.</p>
20.3-12	Maintenance, Throughout	n/a	<p>User/Group Permission Control of Email Icons in Bottom Portion of Person Record</p> <p>Districts now have the ability to control whether or not users can click on email icons in the bottom portion of a person record.</p> <p>Users who have these new permissions enabled will continue to see the clickable email icons for email addresses in the corresponding areas and can use SchoolTool's integrated email functionality. The new permissions impact the following areas:</p> <ul style="list-style-type: none"> • Schedule tab (throughout the student record) • My Home > Grades tab (student record in Home module only) • Contacts tab (throughout the student record and all person types within Census) <p>Users who do not have the permission will see text-only versions of those email addresses, allowing them to copy email addresses into their preferred email application.</p>

Release	Location	Ref #	Description
20.3-12	Teachers, Maintenance		<p>New Grade Book</p> <p>The new Grade Book is officially here! Districts can enable the new grade book functionality, which includes Grade Book Setup and Grade Book Editor, via a brand new feature flag setting in Maintenance > District > District Options.</p> <p>Depending on the district's feature flag setting, teachers may have the ability to toggle between the new and legacy grade book functionality, or they may simply be directed to the district's preferred grade book experience.</p> <p>The new grade book includes an improved grade book setup wizard, color coding for assignment scores and categories, repeating assignments, enhancements to Google Classroom integration (including support for Quiz assignment types), and a brand new Student view for assignment scores.</p> <p>Important: <i>The new Grade Book is only available on sites that have been upgraded to the new login experience.</i></p> <p>Additional grading tools, such as grade submission screens, will be added in upcoming releases.</p>
20.3-12	General	n/a	<p>Support for okta Authentication</p> <p>SchoolTool now supports user/group management and authentication via okta. Depending on district configuration, users can log in using a "Sign in with okta" button on the SchoolTool login screen or via the district's okta portal.</p> <p>Please note that districts wishing to configure okta as an Identity Provider must be using the new SchoolTool login experience.</p>

Release	Location	Ref #	Description
20.3-12	Home	n/a	<p>New Advanced Analytics Tool (beta)</p> <p>A new Advanced Analytics platform is being released (currently in beta mode with a Mindex-controlled feature flag). Mindex is working with Regional Information Centers and direct districts to coordinate activation of this platform for a select group of districts who will participate in a pilot program over the coming months, with a full release expected later year. Please note that the Advanced Analytics platform will only be available for districts who have upgraded to the new login experience and are hosted in the Mindex cloud.</p>
20.3-12	General	n/a	<p>A new process is available for districts wishing to restore a backup copy of a database (for example, when refreshing a training site with a copy of their live site). The new process provides a way to perform this type of data refresh without having to recycle app pools or reset IIS. Additional information on this process is available on the Knowledge Base.</p>
20.3-12	Maintenance	n/a	<p>Updated the naming requirements for the Site Name field used for Login Configuration in Maintenance > Application > Configuration Settings. The Site Name field no longer accepts underscores, though dashes are now allowed. The on-screen guidance has also been updated to reflect this change.</p> <p>Note: Existing Site Name values may already include underscores; districts do not need to take any action to modify these values at this time unless directed to do so by Mindex.</p>
20.3-12	Census	70513	<p>When sending data from one SchoolTool district to another via Census > Send Student Data, data for User Defined Screens that contain checkbox fields will now properly transmit values for unchecked fields as "False" rather than NULL.</p> <p>Note: This fix will resolve the issue for districts <i>sending</i> data after upgrading to 20.3-12, regardless of which SchoolTool version the receiving district is using. Data that has already been transmitted will not be updated automatically.</p>

Release	Location	Ref #	Description
20.3-12	Online Help	69481	Updated online help content to clarify that marking a faculty as Inactive does not prevent that user from logging in and added guidance to recommend disabling or deleting inactive faculty user accounts as appropriate to ensure those users can no longer access SchoolTool.
20.3-12	Online Help	59140, 69299	Updated online help content to clarify which permissions are required to access the Census > Demographics tab on the student record.
20.3-12	Maintenance	70421, 70617	The Student Partner Project Fact export in Maintenance > Export > NYS Data Warehouse now properly includes students with ended enrollments.
20.3-12	Maintenance	63210	When adding or editing dispositions in Maintenance > Discipline > Dispositions , values for Action Type and Duration will now be saved as expected.
20.3-07	Attendance	70559	Provided general performance improvements for the Attendance > Quick Entry sub-module.
20.3-07	Census	70705	Users will no longer encounter a server error when navigating to the Census module if, on the first time they access Census > Search after upgrading to Version 20.3, they change the Search Person Types option to either "Student" or "Resident" but subsequently navigate away without performing the search.
20.3-07	Census	70741	Users will no longer encounter a server error when attempting to use Quick Search or Basic Search after changing options on the Census > Search page but subsequently navigating away without performing the search.
20.3-07	Teachers	69720	Students will now be displayed correctly on the Submit Marking Period Grades and Submit Progress Report Grades screens when the Comment Bank includes blank/empty comments.

Release	Location	Ref #	Description
20.3-04	Census	n/a	<p>Census > Search Selections Now Retained Per User</p> <p>The basic search selections in Census > Search are now retained for each user after navigating away or logging out of SchoolTool. The next time that user returns to the Census > Search screen, the most recently user options will be selected by default.</p> <p>Note: Only the options for Search Person Types and Search Fields are retained after logout; Search Filters (Grade and Gender) are not retained.</p> 
20.3-04	Maintenance, General	n/a	<p>User/Group Permission Control of Mobile Site Redirect</p> <p>Districts now have the ability to control whether or not SchoolTool will redirect to the mobile site on mobile devices based on a new permission. Users who have the new permission enabled will always be directed to the full website after logging into SchoolTool via web browser on a mobile device. Users who do not have the permission will be redirected to the mobile site instead.</p> <p>Note: This feature will only function in environments using the new SchoolTool authentication/login experience.</p>

Release	Location	Ref #	Description
20.3-04	Maintenance, Throughout	n/a	<p>User/Group Permission Control of Email Icons on Top Portion of Person Record</p> <p>Districts now have the ability to control whether or not users can click on email icons in the top portion (the Personal Information Section) of a person record. The new permission impacts all person records (students, residents, and faculty). Users who have the new permission enabled will continue to see the clickable email icons for the person's individual email address, (all person types), as well as Counselor and/or Homeroom Teacher emails (on student records only), and can use the integrated SchoolTool email functionality. Users who do not have the permission will see text-only versions of those email addresses, allowing them to copy email addresses into their preferred email application.</p>
20.3-04	Counseling, Scheduling	70160	<p>Students that have projected enrollments without official enrollments can now be scheduled for courses as expected.</p> <p><i>Also reported in: 70138, 70254, 70274, 70295, 70306, 70388, 70401, 70433, 70467, 70480.</i></p>
20.3-04	Discipline	70242	<p>The Discipline > Students to See report will no longer include data for students listed as Victims on discipline referrals.</p> <p><i>Also reported in: 70239, 70305, 70365, 70375, 70386, 70391, 70406, 70410, 70424, 70425, 70431, 70448, 70460, 70466, 70512</i></p>
20.3-04	Teachers	70128	<p>The Submit Marking Period Grades screen has been updated so that students are now sorted properly in alphabetic order instead of by Student ID.</p> <p><i>Also reported in: 70245, 70383, 70400, 70415, 70479.</i></p>

Release	Location	Ref #	Description
20.3-04	Teachers	70162	Using the Up and Down arrow keys on a user's keyboard will no longer increment numeric scores up or down on the Submit Marking Period Grades and Submit Final Exam Grades screens. Note: Other grade submission screens may still have this keyboard behavior and will be updated in a future release.
20.3-04	Throughout	70001	Optimized core database code to significantly reduce queries processed per second and improve overall SchoolTool performance

Permission Changes

Release	Change	Permission	Description	Default Value
20.3-12	New	\Student\Enable Email Icons	<p>When checked, clickable email icons will appear for any User Groups with view permissions in the following areas:</p> <ul style="list-style-type: none"> • Contacts tab (throughout the person record) • Schedule tab (throughout the student record) • My Home > Grades tab <p>When unchecked, text-only versions of the email address will display which users can then copy into their preferred email application.</p>	<p>This permission will be checked by default for a User Group that has any of the following permissions currently checked:</p> <ul style="list-style-type: none"> • \Student\Contacts\Enter • \Student\Grades\Enter • \Student\Schedule

Release	Change	Permission	Description	Default Value
20.3-04	New	\Census\Person\ Summary\View\ Enable Email Icons	<p>When enabled, users will see clickable email icons for emails that are visible in the Personal Information Section at the top of the student record (individual email, Homeroom Teacher, and/or Counselor emails) and can use the integrated SchoolTool email functionality.</p> <p>When disabled, users will see text-only versions of email addresses, allowing them to copy email addresses into their preferred email application.</p>	<p>Enabled by default for users who have at least one of the following permissions enabled:</p> <ul style="list-style-type: none"> • \Census\Person\Summary\ View\Email • \Census\Person\Summary\ View\Homeroom Teacher • \Census\Person\Summary\ View\Counselor <p>Disabled by default for all other users.</p>
20.3-04	New	\Login\Default to Full Website on Mobile Devices	<p>When enabled, users will be directed to the full website (rather than being redirected to the mobile site) after logging in on a mobile device.</p> <p>When disabled, users will be automatically redirected to the mobile site after logging in on a mobile device.</p>	Disabled by default for all users.